

Road Running Technical Council USA Track & Field Measurement Certificate



Name of the course Garry Bjorkland Half Marathon	Distance <u>21.0975 km</u>
Location (state) MN	(city) Duluth
Type of course: <u>Road Race</u>	
Measuring Methods: Bicycle	
Measured By Doug Thurston, P. O. Box 2922, Santa Fe, N	M 87504, tallmtnbiker@yahoo.com, 916-802-7668
Race Contact Greg Haapala, P. O. Box 16234, Duluth, MN	55616, (218) 727-0947, greg@grandmasmarathon.com
Date(s) when course measured: 05/10/2025	
Number of measurements of entire course: 2 Course Co	onfiguration: Point-to-point
Elevation (meters above sea level) Start 188.00 Finish 1	85.00 Lowest 183.00 Highest 213.00
Straight line distance between start and finish 18225m	Drop <u>0.14</u> m/km Separation <u>86.38</u> %
Type of surface: Paved 100 % Dirt 0 % Gravel 0	% Grass <u>0</u> % Track <u>0</u> %
Effective date of certification: June 9, 2025	Certification code: MN25001DT
	Note to Race Director: Use this Certification Code
	in all public announcements relating to your race.

Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If any changes are made to the course, this certification becomes void, and the course must then be recertified.

Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 of the year: 2035

AS NATIONALLY CERTIFIED BY:

Doug Thurston - USATF/RRTC Certifier - P. O. Box 2922, Santa Fe NM 87504

(916) 802-7668 - tallmtnbiker@yahoo.com

Date: June 11, 2025

Garry Bjorklund Half Marathon 21.0975 km/13.10938 Miles Duluth, Minnesota, USA

As measured 5-10-2025 by Doug Thurston, World Athletics/AIMS Level A Measurer, and Mike Bialick



- Ave W in the northbound (left) lanes over I-35. Runners restricted to northbound side of road
- Road changes to Harbor Drive south of highway runners stay in northbound lanes
- Runners continue around the south side of the
- underneath N. Shore Scenic Drive, continuing through Railroad Street then left on Lake Place Drive, passing Runners turn right (north) on the southbound side of W. convention center to the north side. parking lot to access road in front of hotel
- Runners then turn right on W. Railroad St then an immediate left on Canal Park Drive to finish

On Congdon Blvd./Scenic Hwy 61 Drive 172'6" NE of Greenwood Rd sign and 205'6" NE of No Passing Zone

Mile 9: On London Rd. across from Department of Transportation silver electric box and 50 feet northeast of overhead electrical message board. Northeast of S 26th Ave E.

On London Rd., southwest corner of building #1623. Southwest of S 17th Ave E.

Mile 10: Mile 11: On E Superior St. across from green Fitger's sign (building #600) and across from Bob Dylan Way light post and southwest of N 8th Ave E.

Mile 13: On Canal Park Dr. across from parking space #110 and 30' north of flagpole C19 south of W Railroad St. Measured shortest possible route on the except: on 5^h Avenue West (near mile 12) and the transition to Harbor Drive; Mile 12: On S 5th Ave W. 10 feet northwest of green Railroad Parking sign. Southeast of W Michigan St. On Canal Park Drive at center of yellow line across Canal Park Drive north of Buchanan St. 7'6" south of south edge of light post #C38 on east side of road and 9'1" north of north edge of pay kiosk #1831 on west side of road and in front of Canal Park Drive side of Little Angels Cantina and Grill at 1115 Buchanan St.

and, runners run on the on the west (southbound) side of W. Railroad Street to the parking area near mile 13.